

Applicants note that the Examiner has found claim 8 to be novel and inventive over Stade and Ganoza. Claim 8 was only rejected on the grounds that claim 7, from which claim 8 depended, contained the phrase "said inactive tRNA species" which allegedly lacked proper antecedent support. Applicants have incorporated all the elements of claim 7, from which claim 8 depended, and have rewritten claim 8 as an independent claim. Applicants also amended the language to provide proper antecedent basis. Thus claim 8 is novel and inventive over the cited art, and therefore applicants respectfully request allowance of claim 8, as well as the other pending claims.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Office Action or Notice of Allowance. Authorization is hereby given to charge the \$180 fee set forth in 37CFR 1.17(p) and thus respectfully requests consideration of this IDS pursuant to 37CFR1.97(e)(2).

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

Applicants further request that the Information Disclosure Statement and the references cited in the accompanying SB-08 form that was mailed to the Patent Office on March 2, 2004,

which was prior to the mailing of the first Office Action on March 24, 2004, be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. As confirmation of the consideration of these references, applicants respectfully request that the Examiner initial and return the SB-08 form.

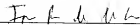
CONCLUSIONS

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

Applicant believes that no fee other than the \$518.00 fee, which includes the \$180.00 fee associated with the filing of the supplemental IDS (37 CFR 1.17(p)) and the \$336.00 fee for filing of additional claims, is due at this time. Authorization is hereby given to charge the \$516.00 fee to Deposit Account No. No. 18-1945 under Order No. AFOR-P01-001. However, if any additional fee is due, please charge our Deposit Account No. 18-1945, under Order No. AFOR-P01-001 from which the undersigned is authorized to draw.

Dated: June 15, 2004

Respectfully submitted,

By 
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JUN 25 2004

PTO/ISB/17 (10-03)

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**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 516.00**Complete If Known**

Application Number	10/057783
Filing Date	January 25, 2002
First Named Inventor	Anthony C. Forster
Examiner Name	C. M. Kam
Art Unit	1653
Attorney Docket No.	AFOR-P01-001

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number **18-1945**Deposit Account Name **Ropes & Gray LLP**

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
45	23	9	204.00
6	3	43.00	129.00

Multiple Dependent

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 336.00

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(c)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.128(a))	
1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00**SUBMITTED BY**

Name (Print/Type)	Ignacio Perez de la Cruz	Registration No. (Attorney/Agent)	55,535	Telephone	(212) 497-3613
Signature	<i>Ignacio Perez de la Cruz</i>	Date	June 15, 2004		

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Air Mail No. ED 190306672US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: June 15, 2004

Signature: *Linda Blake* (Linda Blake)



JUN 25 2004

U.S. PATENT AND TRADEMARK OFFICE (PTO/SB/08a/b (06-03)
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Substitute for form 1449A/B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/057783	
			Filing Date	January 25, 2002	
			First Named Inventor	Anthony C. Forster	
			Art Unit	1653	
			Examiner Name	C. M. Kam	
Sheet	1	of	1	Attorney Docket Number	AFOR-P01-001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 961.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard 51.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
	CV	FAHNESTOCK, S. et al., "Synthesis by ribosomes of viral coat protein containing ester linkages", NATURE NEW BIOLOGY, Vol. 229, pgs. 8-10 (1971).			
	CW	FAHNESTOCK S. et al., "Ribosome-catalyzed polyester formation", SCIENCE, Vol. 173, pgs. 340-343 (1971).			
	CX	BALDINI, G. et al., "Mischarging Escherichia coli tRNA ^{Phe} with L-4'-[3-(trifluoromethyl)-3H-diazirin-3-yl] phenylalanine, a photoactivatable analogue of phenylalanine, BIOCHEMISTRY, Vol. 27, No. 20, pgs. 7951-7959 (1988).			
	CY	STADE, K. et al., "Contacts between the growing peptide chain and the 23S RNA in the 50S ribosomal subunit," NUCLEIC ACIDS RES., Vol. 22, No. 8, pgs. 1394-1399 (1994).			
	CZ	STADE, K. et al., "Mapping the path of the nascent peptide chain through the 23S RNA in the 50S ribosomal subunit", Vol. 23, No. 13, pgs. 2371-22380 (1995).			
	CAA	HOHSAKA, T. et al., "Incorporation of two different nonnatural amino acids independently into a single protein through extension of the genetic code," J. AM. CHEM. SOC. 121, No. 51, pgs. 12194-12195 (1999).			
	CBB	HOHSAKA, T. et al., "Incorporation of nonnatural amino acids into proteins by using various four-base codons in an Escherichia coli in vitro translation system," BIOCHEMISTRY 40, No. 37, pgs. 11060-11064.			
	CCC	SHIMIZU, Y. et al., "Cell-free translation reconstituted with purified components," NAT. BIOTECHNOL. 19, Pgs. 751-755 (2001).			
	CDD	NEEDLES, M.C. et al., "Generation and screening of an oligonucleotide-encoded synthetic peptide library," PROC. NATL. ACAD. SCI. USA, Vol. 90, pgs. 10700-10704 (1993).			
	CEE	GARTNER, Z.J. et al., "The generality of DNA-templated synthesis as a basis for evolving non-natural small molecules," J. AM. CHEM. SOC. 123, No. 28, pgs. 6961-6963 (2001).			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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